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 CRUTCHFIELD, D. Operating Reactors Branch 5

SUBJECT: Responds to 810924 Ltr re SEPI Topic II.2.C. "Atmospheric
 Transport & Diffusion Characteristics for Accident
 Analysis." Proposed set of X/Q valves re exclusion area
 boundary disputed. No boundary definition map needed.

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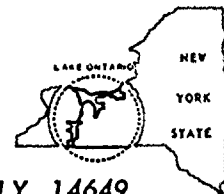
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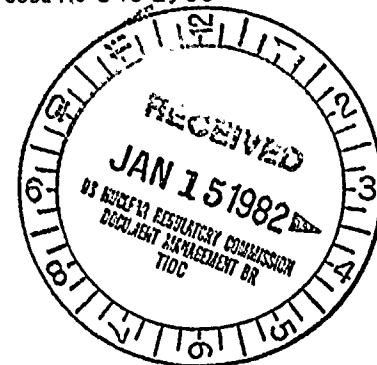
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January 12, 1982

Director of Nuclear Reactor Regulation
Attention: Mr. Dennis M. Crutchfield, Chief
Operating Reactors Branch No. 5
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555



Subject: SEP Topic II-2.C, Atmospheric Transport and Diffusion
Characteristics for Accident Analysis
R. E. Ginna Nuclear Power Plant
Docket No. 50-244

Dear Mr. Crutchfield:

This letter is in response to your letter of September 24, 1981 regarding this SEP topic. In your letter, a set of X/Q values were proposed for the R. E. Ginna facility, which corresponded to the Exclusion Area Boundary (EAB) defined in the NRC's July 17, 1981 assessment of SEP Topic II-1.A.

Although the X/Q values calculated by the NRC can be considered acceptable as far as the resultant radiological consequences following postulated Design Bases Events (SEP XV topics), we do not agree with the selected values. RG&E provided a complete set of X/Q values in a letter dated June 30, 1981, based on current Regulatory Guide 1.145 methodology. In the absence of any comments from the NRC noting the unacceptability of this methodology and results, RG&E proposes that the X/Q values defined in our June 30 letter be used as the licensing basis for the R. E. Ginna facility.

The September 24, 1981 letter also requested that RG&E propose a Technical Specification change which would result in the EAB being defined by a map as given in the July 17, 1981 NRC assessment of SEP Topic II-1.A. We do not believe that making such a proposed change is necessary at this time. If any changes are considered necessary, they should be made concurrently with other Technical Specification changes that will result from the completion of the Systematic Evaluation Program.

Very truly yours,

John E. Maier
John E. Maier

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